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April 7, 2015

CBIC Control Number

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Via Federal Express

TSCA Confidential Business Information Center (7407M)
EPA East - Room 6428 Attn: Section 8(e)
U.S. Environmental Protection Agency
1201 Constitution Avenue, NW
Washington, DC 20004-3302

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Subject: Notice in Accordance with TSCA Section 8(e): Results of a toxicity study with two experimental pesticides on aquatic water plants (*Lemna gibba*)

Dear Section 8(e) Coordinator:

[REDACTED] is submitting results of a toxicity test with [REDACTED] and [REDACTED] on aquatic water plants (*Lemna gibba*), conducted by [REDACTED] (NON-GLP Indicator Study).

The test was conducted in a static system over 7 days according to the following test guidelines: "OECD Guideline for Testing of Chemicals, No. 221: *Lemna* sp., Growth Inhibition Test

The following nominal concentrations were tested: **control, 0.1, 0.4, 1.6, 6.4 and 25.6 µg/L**. All test solutions were visibly clear over the entire exposure period. The test substance is an active ingredient. Analyses were not carried out. The following effect concentrations were obtained based on nominal concentrations:

[REDACTED]:

Growth rates based on frond number

NOEC	=	1.60 µg/L
E _r C ₁₀ (7 d)	=	2.06 µg/L
E _r C ₅₀ (7 d)	=	10.81 µg/L

Yield based on frond number

NOEC	=	1.60 µg/L
E _y C ₁₀ (7 d)	=	1.81 µg/L
E _y C ₅₀ (7 d)	=	5.36 µg/L

Growth rates based on biomass

NOEC	=	0.10 µg/L
E _r C ₁₀ (7 d)	=	0.81 µg/L
E _r C ₅₀ (7 d)	=	21.87 µg/L

Yield based on biomass

NOEC	=	0.10 µg/L
E _y C ₁₀ (7 d)	=	0.11 µg/L
E _y C ₅₀ (7 d)	=	3.15 µg/L

[REDACTED]:

Growth rates based on frond number

NOEC	=	0.10 µg a.i./L
E _r C ₁₀ (7 d)	=	0.16 µg a.i./L
E _r C ₅₀ (7 d)	=	0.76 µg a.i./L

Yield based on frond number

NOEC	=	0.10 µg a.i./L
E _y C ₁₀ (7 d)	=	0.12 µg a.i./L
E _y C ₅₀ (7 d)	=	0.39 µg a.i./L

Growth rates based on biomass

NOEC	=	<0.10 µg a.i./L
E _r C ₁₀ (7 d)	=	n.d.*
E _r C ₅₀ (7 d)	=	1.08 µg a.i./L

Yield based on biomass

NOEC	=	<0.10 µg a.i./L
E _y C ₁₀ (7 d)	=	n.d.*
E _y C ₅₀ (7 d)	=	0.08** µg a.i./L

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*ToxRat identified "n.d." – not determined due to mathematical reasons – as endpoint. However based on expert judgment of the raw data the endpoint is under the lowest test concentration.

**extrapolated value by ToxRat; i.e. under the lowest tested concentration

Explanation:

The **NOEC** is the highest concentration tested with no statistical significant deviation compared to the control

The **EC₅₀** is the concentration calculated at which the growth rate "r" resp. the yield "y" is inhibited by 50%.

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██████████ understands that reporting of results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please note that a confidential version of this letter is enclosed, treating the chemical identity and company identity as Confidential Business Information.

A Confidentiality Substantiation Questionnaire is being submitted.

Sincerely,